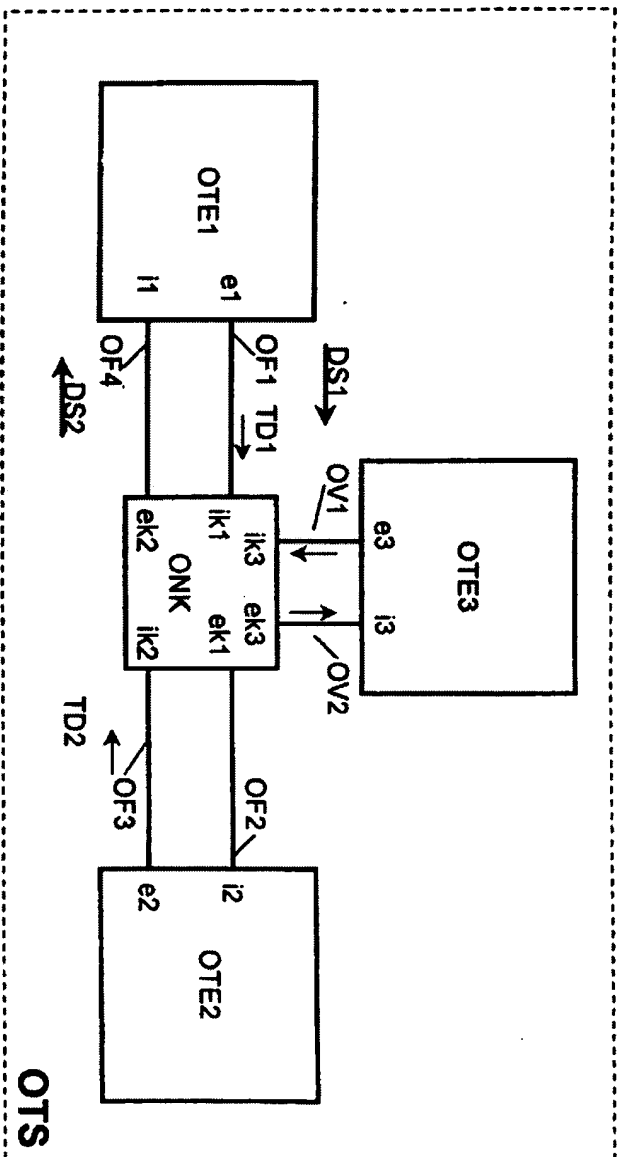
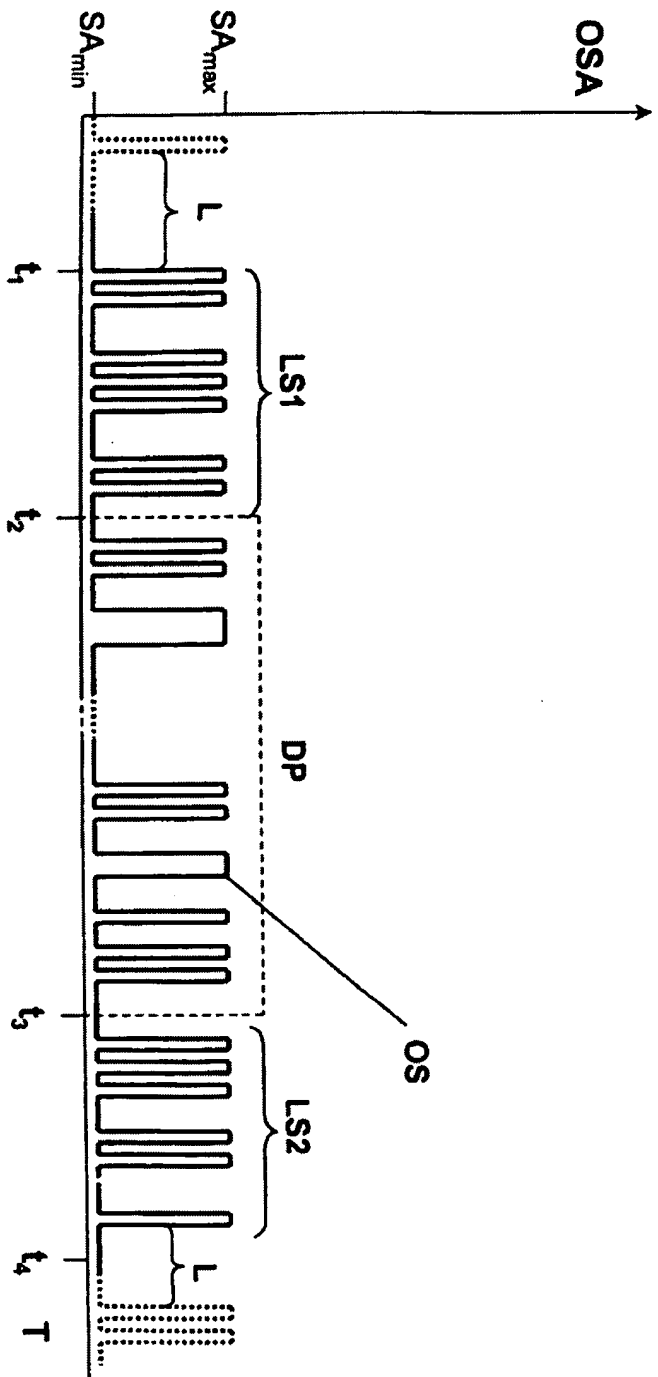


**FIG. 1**



**FIG. 2**



The diagram illustrates the OTS system architecture, showing the interaction between the OTS (Onboard Train System) and the OTE1 (Onboard Train Equipment 1) and OTE2 (Onboard Train Equipment 2). The OTS is connected to the OV1 and OV2 (Onboard Vehicle) via the OTE3.

**OTs Components:**

- CPU:** Central processing unit.
- SYNC:** Synchronization unit.
- LU:** Local Unit.
- SWU:** Switching Unit.
- EVU:** Event Unit.
- DP1, DP2:** Data Processing units.
- LS1, LS2:** Local Storage units.

**OTe1 Components:**

- TU:** Train Unit.
- MU:** Main Unit.
- GU:** General Unit.
- CU:** Control Unit.
- SE:** Signal Equipment.
- DP1, DP2:** Data Processing units.
- FG1, FG2:** Function Generator units.
- SFG:** Signal Function Generator.

**OTe2 Components:**

- DE:** Data Equipment.
- SWU:** Switching Unit.

**Connections and Signals:**

- DS1:** Data Signal 1, connecting OTs to OTe1.
- DS2:** Data Signal 2, connecting OTe1 to OTe2.
- DS11, DS12:** Data Signal 11 and 12, connecting OTe2 to OTe3.
- DS13:** Data Signal 13, connecting OTe3 to OTe2.
- DS14:** Data Signal 14, connecting OTe2 to OTe1.
- DS15:** Data Signal 15, connecting OTe1 to OTe3.
- OF1, OF2, OF3, OF4, OF5:** Output Functions, connecting OTe1 to OTe2.
- OF6:** Output Function 6, connecting OTe2 to OTe3.
- OF7:** Output Function 7, connecting OTe3 to OTe2.
- OF8:** Output Function 8, connecting OTe2 to OTe1.
- OF9:** Output Function 9, connecting OTe1 to OTe3.
- OF10:** Output Function 10, connecting OTe3 to OTe2.
- OF11:** Output Function 11, connecting OTe2 to OTe1.
- OF12:** Output Function 12, connecting OTe1 to OTe3.
- OF13:** Output Function 13, connecting OTe3 to OTe2.
- OF14:** Output Function 14, connecting OTe2 to OTe1.
- OF15:** Output Function 15, connecting OTe1 to OTe3.
- OF16:** Output Function 16, connecting OTe3 to OTe2.
- OF17:** Output Function 17, connecting OTe2 to OTe1.
- OF18:** Output Function 18, connecting OTe1 to OTe3.
- OF19:** Output Function 19, connecting OTe3 to OTe2.
- OF20:** Output Function 20, connecting OTe2 to OTe1.
- OF21:** Output Function 21, connecting OTe1 to OTe3.
- OF22:** Output Function 22, connecting OTe3 to OTe2.
- OF23:** Output Function 23, connecting OTe2 to OTe1.
- OF24:** Output Function 24, connecting OTe1 to OTe3.
- OF25:** Output Function 25, connecting OTe3 to OTe2.
- OF26:** Output Function 26, connecting OTe2 to OTe1.
- OF27:** Output Function 27, connecting OTe1 to OTe3.
- OF28:** Output Function 28, connecting OTe3 to OTe2.
- OF29:** Output Function 29, connecting OTe2 to OTe1.
- OF30:** Output Function 30, connecting OTe1 to OTe3.

[illegible]